

| Ref # | Hits    | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|------------------------|------------------|---------|------------------|
| S1    | 1       | ("20050034477").PN.   | US-PGPUB; USPAT        | OR               | OFF     | 2005/07/06 09:59 |
| S2    | 12      | ("4969509" "5307642" "5369960" "5423498" "5513500" "5667168" "5702073" "5816063" "5871041" "6059016" "6209343" "6484794").PN. | US-PGPUB; USPAT        | OR               | ON      | 2005/07/05 17:29 |
| S3    | 5454    | ((62/435,3.7,3.3,99,430,438,238.6,244,239) or (165/41,104,34)).CCLS.  | US-PGPUB; USPAT        | OR               | OFF     | 2005/07/06 10:02 |
| S4    | 83      | S3 and (phase adj change adj material)  | US-PGPUB; USPAT        | OR               | ON      | 2005/07/06 10:34 |
| S5    | 14      | "62"/\$.ccls. and thermoelectric and ((thermal adj (battery or storage)) or fuselage) and (phase adj change adj material)     | US-PGPUB; USPAT        | OR               | ON      | 2005/07/06 10:58 |
| S6    | 0       | "62"/\$.ccls. and (heat adj pump) and ((thermal adj (battery or storage)) or fuselage) and (phase adj change adj material)    | US-PGPUB; USPAT        | OR               | ON      | 2005/07/06 10:58 |
| S7    | 2030987 | e   | US-PGPUB; USPAT        | OR               | ON      | 2005/07/06 10:58 |
| S8    | 39      | "62"/\$.ccls. and (heat adj pump) and ((thermal adj (battery or storage)) or fuselage) and (phase adj change adj material)    | US-PGPUB; USPAT        | OR               | ON      | 2005/07/06 11:58 |
| S9    | 29      | S8 not S5   | US-PGPUB; USPAT        | OR               | ON      | 2005/07/06 10:59 |
| S10   | 0       | ((heat adj pump) or thermoelectric) and ((thermal adj (battery or storage)) or fuselage) and (phase adj change adj material)  | EPO; JPO               | OR               | ON      | 2005/07/06 11:15 |
| S11   | 49      | ((heat adj pump) or thermoelectric) and ((thermal adj (battery or storage)) or fuselage)                                      | EPO; JPO               | OR               | ON      | 2005/07/06 11:17 |
| S12   | 6       | ((heat adj pump) or thermoelectric) and fuselage and (phase adj change adj material)  | US-PGPUB; USPAT        | OR               | ON      | 2005/07/06 11:15 |
| S13   | 171     | "62"/\$.ccls. and ((heat adj pump) or thermoelectric) and ((thermal adj (battery or storage)) or fuselage)                    | USPAT                  | OR               | ON      | 2005/07/06 11:17 |
| S14   | 389     | "62"/\$.ccls. and cooling and first and second and ((thermal adj (battery or storage)) or fuselage)                           | US-PGPUB; USPAT        | OR               | ON      | 2005/07/06 12:15 |
| S15   | 95      | S14 and coolant   | US-PGPUB; USPAT        | OR               | ON      | 2005/07/06 12:00 |
| S16   | 0       | cooling and first and second and ((thermal adj (battery or storage)) or fuselage) and coolant                                 | JPO                    | OR               | ON      | 2005/07/06 12:16 |
| S17   | 6       | cooling and ((thermal adj (battery or storage)) or fuselage) and coolant  | JPO                    | OR               | ON      | 2005/07/06 12:58 |
| S18   | 24595   | "62"/\$.ccls. and cooling and (phase adj change and material) and coolant ((heat adj pump) or thermoelectric)                 | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/07/06 13:00 |
| S19   | 94      | "62"/\$.ccls. and cooling and (phase adj change and material) and coolant and ((heat adj pump) or thermoelectric)             | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/07/06 13:24 |
| S20   | 1       | cooling and (phase adj change and material) and coolant and ((heat adj pump) or thermoelectric)                               | EPO; JPO               | OR               | ON      | 2005/07/06 13:24 |
| S21   | 38      | cooling and thermoelectric and ((compressor and evaporator) or (thermal adj2 energy))   | EPO; JPO               | OR               | ON      | 2005/10/06 12:08 |
| S22   | 1483    | cooling and thermoelectric and ((compressor and evaporator) or (thermal adj2 energy))   | US-PGPUB; USPAT        | OR               | ON      | 2005/10/06 12:08 |
| S23   | 378     | S22 and "62"/\$.ccls.   | US-PGPUB; USPAT        | OR               | ON      | 2005/10/06 12:08 |
| S24   | 240     | S23 and (heat adj sink)   | US-PGPUB; USPAT        | OR               | ON      | 2005/10/06 12:09 |

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| S1    | 1    | ("20040159118").PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/10/06 15:39 |
| S2    | 0    | 62/6.3-6.7 and thermoelectric and electronic and compressor   | USPAT                        | OR               | ON      | 2005/10/06 15:41 |
| S3    | 71   | (62/3.3-3.7).ccls. and thermoelectric and electronic and compressor                                 | USPAT                        | OR               | ON      | 2005/10/06 16:37 |
| S4    | 59   | S3 and @PD<"20030101"   | USPAT                        | OR               | ON      | 2005/10/06 16:18 |
| S5    | 6    | S3 and (phase adj change adj material)  | USPAT                        | OR               | ON      | 2005/10/06 16:18 |
| S6    | 4    | (62/3.3-3.7).ccls. and thermoelectric and (phase adj change adj material) and (thermal adj storage) | USPAT                        | OR               | ON      | 2005/10/06 16:41 |
| S7    | 0    | thermoelectric and (phase adj change adj material) and (thermal adj storage)                        | EPO; JPO;<br>DERWENT         | OR               | ON      | 2005/10/06 16:42 |
| S8    | 18   | thermoelectric and (phase adj change adj material)  | EPO; JPO;<br>DERWENT         | OR               | ON      | 2005/10/06 18:37 |
| S9    | 1    | ("5761909").PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/10/06 18:37 |
| S10   | 2    | ("5115859"   "5193347").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/10/06 18:38 |
| S11   | 6    | ("5761909").URPN.   | USPAT                        | OR               | ON      | 2005/10/06 18:38 |